

Fire-Rated, Safety-Rated Glass Ceramic
Fire-Rating: 20-180 Minutes

FireLite Plus® Forced Entry is a laminated, fire-rated, 3/8" (10 mm) glass. Tested in accordance with H.P. White 5-aa1 and ASTM E2395.

FEATURES

- ultraHD® Technology for improved surface quality, clarity and color
- Fire-rated for up to 180 minutes in the same large sizes as FireLite Plus
- Clear and wireless glass ceramic
- Impact safety-rated-meets ANSI Z97.1 and CPSC 16 CFR1201 (Cat. I and II)
- Withstands thermal shock
- May be lightly sandblasted or etched by others on one side without affecting fire rating
- Protects from fire and impact on both sides of the glass
- 5-year limited warranty
- Tested and certified to ASTM E2395 when used as an IGU in Fireframes Designer Guard™ System
- Can be used in doors by others

Notes: This product is not a barrier to radiant heat, as it does not meet test standards ASTM E119 or UL 263. If your jurisdiction requires a "barrier to heat" product, please contact TGP regarding Pilkington Pyrostop®.

LISTINGS/STANDARDS

Classified and labeled by Underwriters Laboratories, Inc.® and Underwriters Laboratories of Canada. File number for labeled fire-rated assemblies is R13377. Tests performed in accordance with:

UL 9	NFPA 80	CAN4 S-104	MEA-290-90-M-6
UL 10C	NFPA 257	CAN4 S-106	LARR 25798

MAXIMUM EXPOSED AREA

RATING	ASSEMBLY	MAX. EXPOSED AREA	MAX. WIDTH OF EXPOSED GLAZING	OR	MAX. HEIGHT OF EXPOSED GLAZING
20 to 60 min.	DOORS (non-temp rise)	3,204 in ² / 22.25 ft ² (2.07 m ²)	36" (914 mm)		89" (2,260 mm)
	DOORS (temp rise)	100 in ² / 0.69 ft ² (.06 m ²)	12" (304 mm)		33" (838 mm)
	OTHER THAN DOORS	3,325 in ² / 23.09 ft ² (2.15 m ²)	95" (2,413 mm)		95" (2,413 mm)
90 min.	DOORS (non-temp rise)	2,034 in ² / 14.13 ft ² (1.31 m ²)	36" (914 mm)		56-1/2" (1,435 mm)
	DOORS (temp rise)	100 in ² / 0.69 ft ² (.06 m ²)	12" (304 mm)		33" (838 mm)
	OTHER THAN DOORS	2,627 in ² / 18.24 ft ² (1.69 m ²)	56-1/2" (1,435 mm)		56-1/2" (1,435 mm)
180 min.	DOORS	100 in ² / 0.69 ft ² (.06 m ²)	12" (304 mm)		33" (838 mm)

Check with frame manufacturer for maximum tested glass sizes and required stop height.

Note: Individual lite sizes cannot exceed "Max. Exposed Area" shown above.



BIM 3D Model Available

ultraHD
TECHNOLOGY



UL Classified & Labeled



Fire-Rated



Hose Stream Tested



Impact-Rated



Positive Pressure Tested



Forced Entry Resistant

MAXIMUM SHEET SIZE

SURFACE FINISH 48" x 96"
(1.21 m x 2.43 m)

GENERAL CHARACTERISTICS

THICKNESS: Nominal 3/8" (10 mm nominal) overall
WEIGHT: 4.5 lb / ft² (21.97 kg / m²)
APPROX. VISIBLE TRANSMISSION: 85%
APPROX. VISIBLE REFLECTION: 9%
HARDNESS (VICKER'S SCALE): 700
FIRE RATING: 20-180 minutes
IMPACT SAFETY RATING: Meets ANSI Z97.1 and CPSC
16FR1201 (Cat. I and II)
STC RATING: 38

LABELING

Each piece of FireLite Plus Forced Entry shall be permanently labeled with the FireLite Plus Forced Entry logo, UL logo and fire rating.

STORAGE & HANDLING

FireLite Plus Forced Entry must be handled with care during transportation, storage, inspection and installation. Store in a dry place.

FAMILY OF PRODUCTS

TGP offers a complete family of products for all your fire-rated glazing needs, ranging from 20 minute to 3 hour applications. More information is available online at fireglass.com, or by calling 800.426.0279.